



EERE- Industrial Technologies Program

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EERE- Industrial Technologies Program

Program Thrusts



Energy Efficiency R&D

Develop technologies addressing top energy saving opportunities in the industrial sector

- Industry-specific
- Crosscutting

Technology Delivery and Deployment

Help plants save energy today by assessing opportunities and facilitating adoption of best energy management practices and efficient new technologies



Drive a 25% reduction in industrial energy intensity over 10 years



Industrial Technologies Program - FY 2009

Solicitations

- Save Energy Now Technical Assistance and Plant Assessments
- Clean Energy Application Centers
- Industrial Energy Efficiency Grand Challenge
- Combined Heat and Power Systems Technology Development and Demonstration
- American Reinvestment & Recovery Act:
 - Energy Efficient Information and Communication Technology
 - Deployment of Combined Heat and Power (CHP) Systems, District Energy Systems, Waste Energy Recovery Systems, and Efficient Industrial Equipment



Industrial Technologies Program - FY 2009

Contracts

\$7.2 MM awarded to small businesses = 13% of total funds dispersed

Example Awards include:

Save Energy Now Assessments (SENA)	1,906,581
Aerogel-Based Insulation for Industrial Steam Distribution Systems	662,716
Energy Efficient Melting and Direct Delivery of High Quality Molten Aluminum	1,579,932
Fuel Flexible, Low Emissions Catalytic Combustor for Opportunity Fuel Applications	375,000
Inorganic Membranes for Refinery Gas Separations at Extremely High Pressures, Intermediate Temperatures and in Hydrocarbon-Containing Environments	487,430

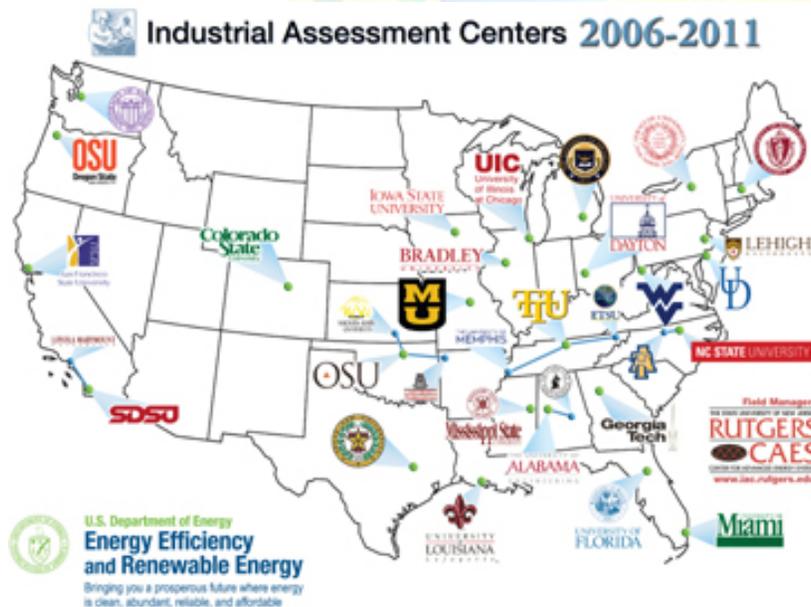


Industrial Assessment Centers

DOE's 26 university-based Industrial Assessment Centers (IACs) train engineering students for careers in industrial energy efficiency

IACs serve 300+ small and medium size plants per year (under 1 TBtu/yr) and typically identify savings of 8%-10% or \$115,000/plant

Database of 13,500 assessment results: <http://iac.rutgers.edu/database>



Industrial Technologies Program - FY2010

Funding Opportunities – including, but not limited to:

SBIR Solicitation(s)

ITP R&D Solicitations for Industrial Energy Efficiency - TBD

Save Energy Now Assessments

Expert Consultants

Industrial Assessment Center Plant Assessments

Manufacturing Extension Partnership (MEP) Services

Supply Chain Consortia

